

GENESI™ Monitoring Centre is an innovative centralized system, supporting the Law Enforcement Agencies investigations to manage in a unified manner audio, video and data interception as well as telephone Call Detail Records and Log Files analysis.

It is an integrated solution capable of handling different interception technologies such as Audio, Video and Data Communication coming from surveillance equipment as well as all the current network technologies including PSTN, ISDN, ADSL, GSM, GPRS, UMTS, Internet, etc. assuring data security and integrity and at the same time bringing a significant cost reduction for the government administration.



Thanks to **GENESI™ Monitoring Centre** the Law Enforcement operator can benefit from a unified system having a single graphic interface to:

- view the list of communications (voice, fax, internet, etc.) made by each target;
- listen and view in real time or off-line telephone calls (fixed, mobile and UMTS videocalls);
- view in real time and off-line data communications (Fax, Sms, Videconference, Internet, etc.);
- listen/view audio/video from surveillance devices such as Microphones, GPS tracking devices or TVCC;
- analyze CDR and log files.

The **GENESI™ Monitoring Centre** modularity allows the deployment of small to large LEMF according to customer requirements and communication infrastructure.

The system consists of the following main modules:

- acquisition front end;
- recording and management server;
- operator workstations for playback and analysis.



Front End

Front Ends are made of modules capable of hosting many interface cards to be connected to the distribution network through which they receive intercepted communications.

Recording and Management Server

This is the heart of the system, which receives from the Front Ends the content of Audio, Video & Data Communication (CC), the Interception Related Information (CDR or IRI) and stores everything in its centralized DB.

Operator Workstation

It interacts via LAN/WAN with the Server component and allows playback of Audio, Video and Data (Fax, Sms, Videocalls, Internet Traffic...) both real time and off-line. Thanks to a multimedia application the Law Enforcement operator can watch web pages, play Audio/Video, analyze CDR, etc. according to its specific user profile.



CENESI™ Platform

